

purified by silica gel column chromatography (10 % MeOH/CHCl<sub>3</sub>) to afford 337 (74 mg, 80 %) as a white solid. 37: UV (H<sub>2</sub>O)  $\epsilon_{\max}$   $\lambda_{\max}$  247 nm ( $\epsilon$  12,400) ( $\epsilon$  12,400) (pH 2), 247.5 nm ( $\epsilon$  13,000) ( $\epsilon$  13,000) (pH 7), 253 nm ( $\epsilon$  13,100) ( $\epsilon$  13,100) (pH 11). Anal. (C<sub>10</sub>H<sub>9</sub>FN<sub>4</sub>O<sub>3</sub>·0.2H<sub>2</sub>O) C, H, N.

Please replace the paragraph starting at page 88, line 10 with the following amended paragraph:

~~9-(2,3-dideoxy-2-fluoro- $\alpha$ -L-glycero-pent-2-enofuranosyl)hypoxanthine~~

9-(2,3-dideoxy-2-fluoro- $\alpha$ -L-glycero-pent-2-enofuranosyl)hypoxanthine (338). A mixture of 330 (100 mg, 0.369), NaOMe (0.5 M solution in MeOH) (2.94 mL, 1.46 mmol) and HSCH<sub>2</sub>CH<sub>2</sub>OH (0.1 mL, 1.46 mmol) in MeOH (20 mL) was refluxed for 4h under nitrogen. The reaction mixture was cooled, neutralized with glacial AcOH and evaporated to dryness under vacuum. The residue was purified by silica gel column chromatography (10 % MeOH/CHCl<sub>3</sub>) to afford 338 (70 mg, 80 %) as a white solid.

~~338: UV (H<sub>2</sub>O)  $\epsilon_{\max}$   $\lambda_{\max}$  247.5 nm ( $\epsilon$  12,700) ( $\epsilon$  12,700) (pH 2), 247.5 nm ( $\epsilon$  13,700) ( $\epsilon$  13,700) (pH 7), 252.5 nm ( $\epsilon$  13,100) ( $\epsilon$  13,100) (pH 11). Anal. (C<sub>10</sub>H<sub>9</sub>FN<sub>4</sub>O<sub>3</sub>·0.3H<sub>2</sub>O) C, H, N.~~  
Please replace the paragraph starting at page 88, line 18 with the following amended paragraph.

~~2-Fluoro-6-amino-9-(2,3-dideoxy-2-fluoro- $\alpha$ -L-glycero-pent-2-enofuranosyl)purine~~

2-Fluoro-6-amino-9-(2,3-dideoxy-2-fluoro- $\beta$ -L-glycero-pent-2-enofuranosyl)purine (339). A

solution of 31 (101 mg, 0.26 mmol) in dry acetonitrile (15 mL) was treated with TBAF (1 M solution in THF) (0.35 mL, 0.35 mmol) and stirred for 30 min. After evaporation of solvent, the dryness was purified by column chromatography (9 % CH<sub>2</sub>Cl<sub>2</sub>/MeOH) to obtain 339 (64.7 mg, 0.24 mmol, 92.3 %) as a white crystalline solid. UV (H<sub>2</sub>O)  $\epsilon_{\max}$   $\lambda_{\max}$  269.0 nm (pH 7).

338: UV (H<sub>2</sub>O)  $\epsilon_{\max}$   $\lambda_{\max}$  247.5 nm ( $\epsilon$  12,700) ( $\epsilon$  12,700) (pH 2), 247.5 nm ( $\epsilon$  13,700) ( $\epsilon$  13,700) (pH 7)

Please replace the paragraph starting at page 88, line 18 with the following amended paragraph.